Index of Claims

| _   |       |        | _    |     |     |
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| Abb | olica | tion/( | Cont | rol | No. |

10/709,540

Examiner

Len Tran

Applicant(s)/Patent under Reexamination

STANZEL ET AL.

Art Unit

1725

| <b>√</b> | Rejected |
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| 1        | Allowed  |

| _   | (Through numeral)<br>Cancelled |
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|  | 2 | Non-Elected  |
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| Cla      | im   | Date  |  |                |          |              |          |          |          |          |  |  |
| Final    | Original   | 90/06/6   |  |                |          |              |          |          |          |          |  |  |
|          | 1 4  | بج  | 1  | $\vdash$       |          | 一            | t        | t        | 1        |          |  |  |
|          | 2  | Ť   | †  | $\vdash$       | T        | $\vdash$     | ✝        | $\vdash$ | t        | t        |  |  |
|          | 3  | 1   | <del>                                     </del> | 1              | T        | T            | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ |  |  |
|          | 4  | Ħ   | T  | T              | Т        | 1            | T        | T        | T        |          |  |  |
|          | 5  | П   | Т  |                | 1        |              |          | Т        |          |          |  |  |
|          | 6  | $\sqcap$  |  | T              | Т        | Т            | Т        | <u> </u> | $\vdash$ | 1        |  |  |
|          | 1 4<br>2 3<br>4 5<br>6 7                                       | П   |  |                |          | Τ            |          |          |          |          |  |  |
|          | 8  | П   |  |                |          | T            | 1        |          |          |          |  |  |
|          | 9  | П   |  |                |          |              | Π        |          |          |          |  |  |
|          | 10   | П   |  |                |          |              |          |          |          |          |  |  |
|          | 11   |   |  |                |          |              |          |          |          | I        |  |  |
|          | 12   | П   |  |                |          |              |          |          |          |          |  |  |
|          | 13   | Ш   |  |                |          |              |          |          |          |          |  |  |
|          | 14   | Ц   |  |                |          |              |          | <u> </u> |          |          |  |  |
|          | <u> 15</u>   | Ш   |  |                |          |              |          |          |          |          |  |  |
|          | 16   | Щ   | <u> </u>   | <u> </u>       | L        |              | _        | <u> </u> | L        |          |  |  |
|          | 17   | Ш   | ┖  | L              | L        |              | <u> </u> |          | L        |          |  |  |
|          | 18   | Ш   | ļ  | L              |          |              | <u> </u> | L        | L        |          |  |  |
|          | 19   | Щ   | L  |                |          |              | L        | 辶        | L        |          |  |  |
|          | 20   | Щ   | ᆫ  | L              | _        | L            | L        | ┖        |          |          |  |  |
|          | 12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22 | Ц   |  | L              |          | ┖            | ┖        | L        | ļ        | <u> </u> |  |  |
|          | 22   | Ц   | L  |                | L        | _            | L        | _        | _        |          |  |  |
|          | 23<br>24<br>25   | Ц   | <u> </u>   |                | L        | $oxed{oxed}$ | L.       | L        | _        | Ш        |  |  |
|          | 24   | Н   |  |                | <u> </u> | <u> </u>     | L        |          | $\vdash$ |          |  |  |
|          | 25   | Н   |  | Ŀ              | L        | ļ            | <u> </u> | _        | ╙        | _        |  |  |
|          | 26<br>27   | H   | <u> </u>   | <u> </u>       | _        | _            | _        | <u> </u> | <u> </u> | _        |  |  |
|          | 27   | H   | <b>—</b>   | <u> </u>       | <u> </u> | ├-           | ├        | ⊢        | ⊢        | -        |  |  |
|          | 20   | H   | -  |                | -        | -            |          | ⊢        | ⊢        | $\vdash$ |  |  |
|          | 29   | ₩   |  | ├              | ⊢        | -            | ├-       | ⊢        | ⊢        | Н        |  |  |
|          | 28<br>29<br>30<br>31   | H   | ├  | <del> </del> — |          | ┢            | ├        | ├-       | ⊢        | Н        |  |  |
|          | 32   | H   | -  | $\vdash$       |          | ├            | ├        | ├        | ⊢        | Н        |  |  |
|          | 32<br>33   | +   | ┝  | ⊢              | -        | ├─           | ⊢        | $\vdash$ | ⊢        | Н        |  |  |
|          | 34   | ⇈   | $\vdash$   | -              | ┢        |              | $\vdash$ |          | -        | Н        |  |  |
| $\dashv$ | 35   | $H^-$   | $\vdash$   | $\vdash$       | H        | -            | -        | ┢        | $\vdash$ | H        |  |  |
|          | 36   | H   | $\vdash$   | $\vdash$       | $\vdash$ | -            | $\vdash$ |          |          | Н        |  |  |
|          | 37   | +   |  |                | $\vdash$ | $\vdash$     | $\vdash$ |          | -        | $\vdash$ |  |  |
|          | 38   | 1   | $\vdash$   | $\vdash$       |          | $\vdash$     | _        | 1        |          | H        |  |  |
|          | 39   | $\top$  |  |                |          | -            |          |          |          | П        |  |  |
|          | 40   | 1   |  |                |          |              | Г        |          |          |          |  |  |
|          | 41   | 1   |  |                |          |              |          |          |          |          |  |  |
|          | 42   | T   |  |                |          | Г            | П        |          |          | П        |  |  |
|          | 43   |   |  |                |          |              |          |          |          |          |  |  |
|          | 44   | 1   |  |                |          |              |          |          |          |          |  |  |
|          | 45   | $\mathbf{I}$  |  |                |          |              |          |          |          |          |  |  |
| ]        | 46   | $oldsymbol{\mathbb{I}}$   |  |                |          |              |          |          |          |          |  |  |
|          | 47   | $oldsymbol{\mathbb{I}}$   |  |                |          |              |          |          |          |          |  |  |
|          | 48   | $oldsymbol{ol}}}}}}}}}}}}}} $ |  |                |          |              |          |          |          |          |  |  |
|          | 49   | 4   |  |                |          |              |          |          |          |          |  |  |
|          | 50   | V   |  |                |          |              |          |          |          |          |  |  |

| Cla          | im       | Ι        | Date      |   |              | Claim    |              |  | Date   |                |              |     |           |          |   |          |          |          |          |  |          |  |              |
|--------------|----------|----------|-----------|---|--------------|----------|--------------|--|--|----------------|--------------|-----|-----------|----------|---|----------|----------|----------|----------|--|----------|--|--------------|
| B            | Original | ı        | 90/06/6   |   |              |          |              |  |  |                |              |     | Final     | Original |   |          |          |          |          |  |          |  |              |
|              | 1 -      | 7        | ?         |   | П            | $\top$   | Π            | Ť.   | 1  |                |              | 1   |           | 51       | ٤   |          |          | Г        | $\vdash$ | $\vdash$   | T        | Г  | Г            |
|              | 2        | Ť.       |           |   | 1            | T        | Т            | Π  | $\vdash$   |                | T            |     |           | 52       | 1   |          |          | т        | _        | <del>                                     </del> | $\vdash$ | $\vdash$   | Т            |
|              | 3        | 1        | Ħ         |   |              | T        | T            | ✝  |  | <u> </u>       |              | 1   |           | 53       | -   |          |          |          | -        | $\vdash$   | Н        |  |              |
|              | 4        | T        | П         |   | T            | Т        |              |  |  | T              |              |     |           | 54       | П   |          | _        | _        | _        |  | $\vdash$ |  |              |
| ┪            | 5        | h        | П         |   | T            | T-       |              |  | T  | T              |              | 1 1 |           | 55       | П   | _        | $\vdash$ | -        |          | $\vdash$   | _        | <del>                                     </del> | $\vdash$     |
| ┪            | 6        | r        | ٢         |   | t-           | $\vdash$ | T            | $\vdash$   | <del>                                     </del> | 1              | <del> </del> | 1   |           | 56       | Н   |          |          | Н        | _        | -  | ┢        | Н  | H            |
| $\neg$       | 7        | t        | Ħ         | _ | T            | $\vdash$ | ╁╴           |  | ╁  | $\vdash$       | $\vdash$     | 1   |           | 57       | H   |          | _        | _        | _        | $\vdash$   | $\vdash$ | ╌  | ┢            |
|              | 8        | t        | H         |   | t            | +-       | t            | $\vdash$   | $\vdash$   | $\vdash$       | H            | 1   |           | 58       | H   |          |          | -        |          | H  | ┢╾       | ┢  | ┢            |
| _            | 9        | t        | Ħ         |   | <del> </del> | $\vdash$ | $\vdash$     | $\vdash$   | ┢  | <del>  -</del> | 1            |     |           | 59       | Н   |          |          |          |          | ┝  | -        | ├  | ┢            |
| $\dashv$     | 10       | h        | H         |   |              | t        | 1            | ┝  | $\vdash$   | H              | $\vdash$     |     |           | 60       | Н   |          |          | -        |          |  |          | $\vdash$   | $\vdash$     |
| 7            | 11       | ۲        | Н         |   | H            |          | <del> </del> | ┢╌   |  | H              | ├-           | l l | -         | 61       | Н   |          |          | _        |          | $\vdash$   |          | -  | -            |
| ┪            | 12       | Н        | Н         | _ | $\vdash$     | $\vdash$ | ┢            | H  |  | -              | ├            | 1   |           | 62       | Н   |          | _        | _        | _        | _  |          | -  | $\vdash$     |
| $\dashv$     | 13       | Н        | Н         | _ | ┢            | ╁        | ┢            | $\vdash$   | -  | -              | ┼            |     |           | 63       | Н   | _        | _        | -i       | -        | -  | -        | ├─   | ⊢            |
| $\dashv$     | 14       | Н        | Н         |   | <del> </del> | $\vdash$ | $\vdash$     | +-   | <del>                                     </del> | $\vdash$       | +            |     |           | 64       | $\vdash \vdash$   | -        | -        | $\vdash$ | -        | Ь—   | ├        | $\vdash$   | $\vdash$     |
| ┪            | 15       | Н        | +         |   |              | ╁        | ┝            | ╁  | -  | -              | ┼            |     |           | 65       | $\vdash$  | -        |          |          |          | _  | ┝        | _  | $\vdash$     |
| ᅱ            | 16       | Н        | +         |   | -            | $\vdash$ | $\vdash$     | <del>                                     </del> | 1  | <del> </del>   | ├            |     |           | 66       |   | _        |          | $\vdash$ |          | Ι—   | $\vdash$ | $\vdash$   | <del> </del> |
| +            | 17       | Н        | +         | _ | ╁            | ┢        | $\vdash$     | ┢  | $\vdash$   | ├-             | $\vdash$     |     |           | 67       | $\dashv$  | $\dashv$ |          | _        |          | _  | ├        | -  |              |
| ᅱ            | 18       | Н        | ┥         |   | $\vdash$     | $\vdash$ | ┢            | ┢╾   | $\vdash$   |                | $\vdash$     |     |           |          |   |          |          |          |          |  | ⊢        | ⊢  | <u> </u>     |
| $\dashv$     | 19       | Н        | ┥         |   | ├-           | ┢        | ┢╾           | ┢  |  | ⊢              | $\vdash$     |     |           | 68<br>69 |   |          |          |          |          |  | <u> </u> | ┝  |              |
| ┥            | 20       | H        | ┥         | _ | ⊢            | H        | ⊢            |  | ⊢  | H              | ⊢            |     |           | 70       |   |          |          | _        |          | $\vdash$   | -        | ├  |              |
| -            | 21       | Н        | ┥         |   | $\vdash$     | ├-       | ├            |  | ┢  |                | ┢            |     | _         | 71       | $\vdash$  |          | _        |          | _        | _  | -        | -  |              |
| +            | 22       | Н        | ┥         |   | ├            | -        | ⊢            | $\vdash$   | ⊢  |                | ├            |     |           | 70       | Н   | _        | _        |          |          | _  | -        | <del> </del>                                     |              |
| +            | 23       | Н        | Н         |   | ⊢            | ⊢        | ├-           | -  |  | -              | ⊢            |     |           | 72       | $\dashv$  | _        |          |          |          |  | _        | ⊢  |              |
| -            |          | Н        | Н         | _ | ⊢            | ⊢        | ⊢            |  | -  | H              | H            | ╽╽  |           | 73       | $\dashv$  | _        |          |          |          |  | _        | <u> </u>   |              |
| -            | 24<br>25 | Н        | Н         |   |              | ⊢        | -            | ⊢  | ⊢  | H              | ⊢            |     |           | 74       | $\dashv$  |          |          |          |          |  |          |  |              |
| 4            |          | Н        | $\exists$ |   | Ŀ            | ⊢        |              | _  | ┝  | ⊢              | ├            |     |           | 75       | $\dashv$  |          |          | -        |          | _  | ·        |  |              |
| 4            | 26       | Н        | 4         |   | <u> </u>     | ├        |              | ⊢  | <u> </u>   | ⊢              | -            | }   |           | 76       |   | -        |          | _        |          |  |          | _  | _            |
| 4            | 27       | Н        | -         |   | ┝            | -        | -            | ⊢  | H  | ⊢              | -            |     |           | 77       |   |          | _        | _        |          |  |          | _  | _            |
| -            | 28       | Н        | -         |   | _            | _        | -            | -  | _  | ┝              | _            | }   |           | 78       | 4   |          |          | _        |          |  |          | _  |              |
| $\dashv$     | 29       | Н        | 4         |   | ┡            | ⊢        |              | ├-   | <u> </u>   | <u> </u>       |              |     |           | 79       | $\dashv$  |          | _        | _        |          |  |          |  |              |
| 4            | 30       | Н        | 4         |   | _            |          | <u> </u>     | ├  | _  |                |              |     |           | 80       | _   |          |          |          | _        |  |          | Щ  |              |
| -            | 31       | Н        | 4         | _ | _            | _        | <u> </u>     | <u> </u>   | _  | ┡              | L            |     |           | 81       | -   | _        | _        | _        | _        |  |          | Ш  | _            |
| -            | 32       | Ц        | 4         |   |              | L        | <b> </b> _   | <u> </u>   |  | <u> </u>       | _            |     |           | 82       |   | _        |          | _        |          |  |          |  |              |
| -            | 33       | Ц        | 4         |   |              | _        |              | L  |  | <u> </u>       | Ш            | ,   | <b></b> ∤ | 83       | $\dashv$  | _        |          |          |          |  |          |  | _            |
| 4            | 34       | Н        | 4         | _ | <u> </u>     | $\vdash$ | <u> </u>     | <u> </u>   | Ш  | <u> </u>       | Ш            |     |           | 84       | _   |          |          | _        |          |  |          | Щ  |              |
| 4            | 35       | Ц        | 4         | _ | <u> </u>     | $\vdash$ | <u> </u>     | <u> </u>   |  | <u> </u>       | $\vdash$     |     |           | 85       | $\sqcup$  | _        |          |          |          |  |          | Щ  |              |
| 4            | 36       | Ц        | 4         |   | <u> </u>     | <u> </u> | $\vdash$     | Ш  | ļ  | L_             | Ш            |     |           | 86       | $\Box$  | _        | _        | _        | _        | $\Box$   |          |  |              |
| 4            | 37       | Ц        | 4         |   | <u> </u>     | <u> </u> | <u> </u>     | L  | Щ.   | <u> </u>       | Щ            |     |           | 87       | $\sqcup$  | ļ        |          |          |          |  |          | Щ  |              |
| 4            | 38       | Ц        | 4         |   |              | $\vdash$ | <b> </b>     | Щ  | Ш  | L.             | Щ            |     |           | 88       | _   |          |          | _        |          | Ш  | Щ        |  |              |
| 4            | 39       | 4        | 4         |   |              | <u> </u> | <u> </u>     | Ш  | Ш  | Ш              | Ш            | Ļ   |           | 89       |   | $\perp$  |          |          |          |  |          |  |              |
| 4            | 40       | Ц        | 4         |   | <u> </u>     | <u> </u> |              | Ш  | Ш  | L              | Ш            |     |           | 90       |   | _        | $\Box$   |          |          |  |          |  |              |
| $\downarrow$ | 41       |          | $\perp$   |   |              | <u> </u> | $\sqcup$     | _  | Ш  | Ш              | Ш            |     |           | 91       |   | ]        |          | $\Box$   |          |  |          |  |              |
| $\perp$      | 42       | Ц        | Ц         |   |              | <u> </u> |              |  |  |                | Ш            |     |           | 92       |   | [        | ]        |          |          | ]  |          |  |              |
| $\perp$      | 43       |          | Ц         |   |              |          | L.,          |  |  |                | Ш            |     | ]         | 93       | [   |          | I        |          |          |  |          |  |              |
| 4            | 44       | Ц        | Ц         |   |              | oxdot    | Ш            | Ш  |  |                | Ш            |     |           | 94       | [   |          | ]        |          | ]        | [  |          |  |              |
| 4            | 45       | Ц        | Ц         |   |              | L        |              |  |  |                | Ш            |     |           | 95       |   | _[       |          |          |          |  |          |  |              |
| $\perp$      | 46       |          | Ц         |   |              | L        | Ш            |  |  |                |              | [   | [         | 96       |   | $\Box$   |          |          |          |  |          |  |              |
| _            | 47       |          | Ц         |   |              |          |              |  |  |                | Ш            |     |           | 97       | $oldsymbol{ol}}}}}}}}}}}}}}}$ |          |          | $\Box$   |          |  |          |  |              |
| $\perp$      | 48       |          | Ц         | ] |              |          |              |  |  |                |              | [   |           | 98       |   | J        |          |          |          |  |          |  |              |
| $\perp$      | 49       | J        |           |   |              |          |              |  |  |                |              |     |           | 99       |   |          |          |          |          |  |          |  |              |
| I            | 50       | <u>ل</u> | 7         |   |              |          |              |  |  |                |              |     |           | 100      |   | J        | $\Box$   |          |          |  |          |  |              |
|              |          |          |           |   |              |          |              |  |  |                |              | _   |           |          |   |          |          |          |          |  |          |  |              |

| Cli       | Date              |           |          |  |          |                |              |          |          |          |
|-----------|-------------------|-----------|----------|--|----------|----------------|--------------|----------|----------|----------|
| Final     | Original          |           |          |  |          |                |              |          |          |          |
|           | 101<br>102        |           |          |  |          |                |              |          |          |          |
|           | 102               |           | _        | L  | L        | <u> </u>       | <u> </u>     |          | L        | Ш        |
|           | 103               | <u> </u>  | <u> </u> | <u> </u>   | _        | <del> </del> _ | ┡            | ├-       | <u> </u> | Щ        |
|           | 104<br>105        |           | <b>!</b> | ⊢  | ├        | ┝              | ├            | ├-       | _        | Н        |
|           | 106               | -         | -        | $\vdash$   | -        | ├              | ├-           | ⊢        | ⊢        | Н        |
|           | 107               | ⊢         | -        | ╁  | ┢        | ╁╌             |              | ┢        | -        | Н        |
|           | 107<br>108        | -         | -        | ┪  |          | $\vdash$       | $\vdash$     | $\vdash$ | -        | Н        |
| · · · · · | 109               |           |          |  |          |                |              |          | Г        | Н        |
|           | 110               |           |          |  |          |                |              |          |          |          |
|           | 111               | ļ         |          |  |          |                |              |          |          |          |
|           | 112<br>113        |           | _        | _  | <u> </u> | L              | L            | _        | L        | Щ        |
|           | 113               |           | L        | L  | <u> </u> | _              |              | <u> </u> | $\vdash$ | Щ        |
|           | 114<br>115        |           | $\vdash$ | <u> </u>   | $\vdash$ | -              | -            |          | _        | $\dashv$ |
|           | 116               |           | -        |  | -        |                | ├            | ├-       | $\vdash$ | Н        |
|           | 117               | _         | ┢        | <del>                                     </del> | -        |                | $\vdash$     | <u> </u> | -        | H        |
|           | 118               |           |          | <u> </u>   | -        |                |              |          |          |          |
|           | 118<br>119        |           |          |  |          |                |              |          |          |          |
|           | 120               |           |          |  |          |                |              |          |          |          |
|           | 121<br>122        |           |          |  | L.       | _              |              |          |          |          |
|           | 122               |           | L        | _  | ļ        | <u> </u>       | _            | _        |          | _        |
|           | 123<br>124        |           | _        | <u> </u>   |          | <u> </u>       | _            | <u> </u> |          | _        |
| -         | 124               | _         | _        | ├  | _        | ⊢              | _            | <u> </u> |          | $\dashv$ |
|           | 126               |           | -        | $\vdash$   |          | ⊢              | ┢            | -        |          | $\dashv$ |
| -         | 126<br>127<br>128 |           |          | $\vdash$   |          | H              | <del> </del> |          | _        | Н        |
|           | 128               |           |          |  |          |                |              |          |          | П        |
|           | 129<br>130        |           |          |  |          |                |              |          |          |          |
|           | 130               |           |          |  |          |                |              |          |          |          |
|           | 131               |           |          |  |          | _              |              | L_       | Щ        | Щ        |
|           | 132               |           | _        |  |          | <u> </u>       | <u> </u>     |          |          |          |
|           | 133<br>134        | _         |          |  | _        | H              | _            | -        |          | $\dashv$ |
| -         | 135               | _         | -        | Н  | _        | $\vdash$       |              | Н        |          | $\dashv$ |
|           | 136               |           |          |  |          |                |              |          |          | $\neg$   |
|           | 137               |           |          | П  |          |                | П            | П        |          | H        |
|           | 138               |           |          |  |          |                |              |          |          |          |
|           | 139               |           |          |  |          |                |              |          |          |          |
|           | 140               | _         |          | Щ  |          | _              |              | Щ        |          | $\Box$   |
|           | 141               | _         |          | Ш  |          | <u>_</u>       |              | Ш        |          | $\dashv$ |
|           | 142<br>143        | $\dashv$  | _        |  |          | -              |              | $\dashv$ | -        | $\dashv$ |
|           | 144               | $\dashv$  | _        | $\vdash$   | _        | Н              |              | Н        | $\dashv$ | $\dashv$ |
|           | 145               |           |          | H  |          | $\vdash$       |              | Н        | $\dashv$ | $\dashv$ |
|           | 146               | $\exists$ | _        | $\vdash$   | -        | $\neg$         |              | $\vdash$ | $\dashv$ | $\dashv$ |
|           | 147               | ╗         |          | Н  |          |                |              |          | $\dashv$ | $\dashv$ |
|           | 148               |           |          |  |          |                |              |          | _        | $\Box$   |
|           | 149               |           |          |  |          |                |              |          |          |          |
|           | 150               |           |          |  |          |                |              |          |          |          |
|           |                   |           |          |  |          |                |              |          |          |          |